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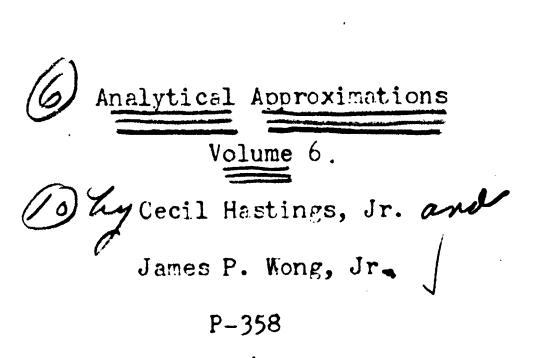
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Offset Circle Probability Function: We consider the function

$$q(R,x) = \int_{R}^{\infty} e^{-\frac{1}{2}(/2+x^2)} I_0(/2x) / d/2$$

in which $I_0(z)$ is the usual Ressel function. To better than .0035 over (0,3),

$$q(3,3-y) = \frac{.568}{\left[1 + .157y + .107y^2 + .017y^3\right]^4}.$$

Offset Circle Probability Function: We consider the function

$$q(R,x) = \int_{0}^{\infty} e^{-\frac{1}{2}(\int_{0}^{\infty} 2+x^{2})} I_{0}(\int_{0}^{\infty} x) \int_{0}^{\infty} d \int_{0}^{\infty}$$

in which $I_0(z)$ is the usual Bessel function.

To better than .00011 over (0,1),

$$q(1,x) = .6066 + .1500x^2 - .0238x^4$$
.

Offset Circle Probability Function: We consider the function

$$q(R,x) = \int_{R}^{\infty} e^{-\frac{1}{2}(\int_{R}^{2} x^{2})} I_{o}(\int_{R}^{\infty} x) / d \int_{R}^{\infty}$$

in which $I_o(z)$ is the usual Bessel function.

To better than .0013 over $(0,\infty)$,

$$\lim_{R\to\infty} q(R, R-y) = \int_{-\infty}^{-y} \frac{1}{\sqrt{2\pi}} e^{-\frac{1}{2}t^2} dt$$

$$= \frac{.5}{\left[1 + .209y + .061y^2 + .062y^3\right]^4}$$

Offset Circle Probability Function: We consider the function

$$q(R,x) = \int_{0}^{\infty} e^{-\frac{1}{2}(/2+x^2)} I_0(/x) /d/$$

in which $I_o(z)$ is the usual Bessel function.

To better than .0028 over($-\infty$, ∞),

$$\lim_{R\to 0} \frac{1 - q(R,x)}{1 - q(R,0)} = e^{-\frac{1}{2}x^2} = \frac{1}{\left[1 + .123x^2 + .010x^4\right]^4}$$

Offset Circle Probability Function: We consider the function

$$q(R,x) = \int_{R}^{\infty} e^{-\frac{1}{2}(/2+x^2)} I_0(/x) / d/$$

in which $I_o(z)$ is the usual Bessel function.

To better than .0019 over (0,3),

$$q(3,x) \doteq \left[.105 + .930 \left(\frac{x}{3}\right)^2 - .282 \left(\frac{x}{3}\right)^4\right]^2$$
.

Offset Circle Probability Function: We consider the function

$$q(R,x) = \int_{R}^{\infty} e^{-\frac{1}{2}(\sqrt{2}+x^2)} I_{o}(\sqrt{x}) / d / d$$

in which $I_o(z)$ is the usual Bessel function.

To better than .0011 over (0,3),

$$q(3,x) = \left[.105 + .954\left(\frac{x}{3}\right)^2 - .349\left(\frac{x}{3}\right)^4 + .043\left(\frac{x}{3}\right)^6\right]^2$$

Offset Circle Probability Function: We consider the function

$$q(R,x) = \int_{R}^{\infty} e^{-\frac{1}{2}(\int_{R}^{2} x^{2})} I_{0}(\int_{R}^{2} x^{2}) \int_{R}^{2} d\int_{R}^{2} df$$

in which Io(z) is the usual Bessel function.

To better than .002 over (0,4),

$$q(4,x) = \left[.018 + .581 \left(\frac{x}{4} \right)^2 + .575 \left(\frac{x}{4} \right)^4 - .372 \left(\frac{x}{4} \right)^6 \right]^2$$